

Amendments to the Specification:

Please amend the paragraph at page 6, line 22 to page 7, line 10 as follows:

A working machine according to ~~claim 1~~ a first embodiment of the present invention ~~including~~ includes:

a boom of which one end is attached to a structural body supporting a work implement;

a bucket or the like attached as an attachment to the other end of the boom;

a bell crank attached to a middle position of the boom in a longitudinal direction thereof;

a tilt cylinder for driving the bell crank; and

a connecting link for connecting the bell crank and the bucket or the like, in which

when the bucket or the like is horizontally at a ground position and a digging face of the bucket or the like is opposing to a ground surface, the tilt cylinder drives the bell crank on an upper end side thereof and the connecting link connects the bell crank to the bucket or the like on a lower end side of the bell crank;

the tilt cylinder connects the bell crank and the structural body; and

an angle between a first line segment connecting a pivot position on the boom and a pivot position on the connecting link of the bell crank and a second line segment connecting the pivot position on the boom and a pivot position on the tilt cylinder of the bell crank is set in a range from 0 ~~degree~~ degrees to 180 degrees on the bucket or the like side.

Please amend the paragraph at page 7, lines 12-26, as follows:

A working machine according to ~~claim 2~~ a second embodiment of the present invention ~~including~~ includes:

a boom of which one end is attached to a structural body supporting a work implement;

a fork or the like attached as an attachment to the other end of the boom;

a bell crank attached to a middle position of the boom in a longitudinal direction thereof;

a tilt cylinder for driving the bell crank; and

a connecting link for connecting the bell crank and the fork or the like, in which

when the fork or the like is horizontally at a ground position, the tilt cylinder drives the bell crank on an upper end side thereof and the connecting link connects the bell crank to the fork or the like on a lower end side of the bell crank; and

an angle between a first line segment connecting a pivot position on the boom and a pivot position on the connecting link of the bell crank and a second line segment connecting the pivot position on the boom and a pivot position on the tilt cylinder of the bell crank is set in a range from 0 ~~degree~~ degrees to 180 degrees on the fork or the like side.

Please amend the paragraph at page 7, line 27 to page 8, line 14 as follows:

A working machine according to ~~claim 3~~ a third embodiment of the present invention ~~including~~ includes:

a boom of which one end is attached to a structural body supporting a work implement;

a fork or the like attached as an attachment to the other end of the boom;

a bell crank attached to a middle position of the boom in a longitudinal direction thereof;

a tilt cylinder for driving the bell crank; and

a connecting link for connecting the bell crank and the fork or the like, in which

when the fork or the like is horizontally at a ground position, the tilt cylinder drives the bell crank on an upper end side thereof and the connecting link connects the bell crank to the fork or the like on a lower end side of the bell crank;

the tilt cylinder connects the bell crank and the structural body; and

an angle between a first line segment connecting a pivot position on the boom and a pivot position on the connecting link of the bell crank and a second line segment connecting the pivot position on the boom and a pivot position on the tilt cylinder of the bell crank is set in a range from 0 ~~degree~~ degrees to 180 degrees on the fork or the like side.

Please amend the paragraph at page 8, line 16 to page 9, line 5 as follows:

A working machine according to ~~claim 4~~ a fourth embodiment of the present invention ~~including~~ includes:

a boom of which one end is attached to a structural body supporting a work implement;

an attachment attached to the other end of the boom;

a bell crank attached to a middle position of the boom in a longitudinal direction thereof,

a tilt cylinder for driving the bell crank; and

a connecting link for connecting the bell crank and the attachment, in which

when the attachment is horizontally at a ground position, the tilt cylinder drives the bell crank on an upper end side

thereof and the connecting link connects the bell crank to the attachment on a lower end side of the bell crank;

an angle between a first line segment connecting a pivot position on the boom and a pivot position on the connecting link of the bell crank and a second line segment connecting the pivot position on the boom and a pivot position on the tilt cylinder of the bell crank is set in a range from 0 ~~degree~~ degrees to 180 degrees on the attachment side;

the attachment may be selected for use from a plurality of types; and

each of the attachment that is different from each other has a different pivot position on the connecting link relative to the pivot position on the boom as a reference point.

Please amend the paragraph at page 9, lines 7-26 as follows:

A working machine according to ~~claim 5~~ a fifth embodiment of the present invention ~~including~~ includes:

a boom of which one end is attached to a structural body supporting a work implement;

an attachment attached to the other end of the boom;

a bell crank attached to a middle position of the boom in a longitudinal direction thereof;

a tilt cylinder for driving the bell crank; and

a connecting link for connecting the bell crank and the attachment, in which

when the attachment is horizontally at a ground position, the tilt cylinder drives the bell crank on an upper end side thereof and the connecting link connects the bell crank to the attachment on a lower end side of the bell crank;

the tilt cylinder connects the bell crank and the structural body;

an angle between a first line segment connecting a pivot position on the boom and a pivot position on the connecting link of the bell crank and a second line segment connecting the pivot position on the boom and a pivot position on the tilt cylinder of the bell crank is set in a range from 0 ~~degree~~ degrees to 180 degrees on the attachment side;

the attachment may be selected for use from a plurality of types; and

each of the attachment that is different from each other has a different pivot position on the connecting link relative to the pivot position on the boom as a reference point.

Please amend the paragraph at page 9, line 27 to page 10, line 2, as follows:

~~A working machine according to claim 6 of the present invention is the working machine according to claim 1, claim 3,~~

~~and claim 5, in which~~ Any of the foregoing embodiments of the working machine may be constructed such that the pivot position of the tilt cylinder on the structural body is lower compared to the pivot position of the boom on the structural body.

Please amend the paragraph at page 10, lines 3-8, as follows:

~~A working machine according to claim 7 of the present invention is the working machine according to any one of claims 1 to 6, in which~~ Any of the foregoing embodiments of the working machine may be constructed such that the angle between the first line segment and the second line segment is set so that the angle is equal to or smaller than an angle at which absolute values of the attachment angles of the attachment are substantially equal to each other at any two positions from the ground position to the top position of the attachment.

Please amend the paragraph at page 10, lines 10-12, as follows:

~~A working machine according to claim 8 of the present invention is the working machine according to any one of claims 1 to 7, in which~~ Any of the foregoing embodiments of the working machine may be constructed such that the angle between the first

line segment and the second line segment is in a range from 0 ~~degree~~ degrees to 170 degrees.

Please amend the paragraph at page 10, lines 13-15, as follows:

~~A working machine according to claim 9 of the present invention is the working machine according to any one of claims 1 to 7, in which~~ Any of the foregoing embodiments of the working machine may be constructed such that the angle between the first line segment and the second line segment is in a range from 170 degrees to 180 degrees.

Please amend the paragraph at page 10, lines 18-26, as follows:

According to the first embodiment of the working machine ~~of claim 1~~, an end of the tilt cylinder is attached to a bell crank and the other end of the tilt cylinder is attached not to a boom but to a structural body supporting a work implement, and an angle formed by a first line segment and a second line segment of the bell crank is set in the range from 0 ~~degree~~ degrees to 180 degrees on the bucket or the like side so that the displacement of the attachment angle from the ground position to the top position in a horizontal or tilted posture of the bucket or the

like on the ground position is smaller compared with that of the conventional configuration using the Z-bar link (Fig. 35, Fig. 36) or the configurations disclosed in Patent documents 1, 2 (Fig. 37, Fig. 38), thereby improving the angle characteristics.

Please amend the paragraph at page 11, lines 3-12, as follows:

According to the second embodiment of the working machine ~~of claim 2~~, the configuration using the so-called Z-bar link is employed, and since the angle formed by the first line segment and the second line segment of the bell crank is set in the range from 0 ~~degree~~ degrees to 180 degrees on the fork or the like side, the ratio of an effective length in the upper portion of the bell crank between the ground position and the top position becomes larger, so that the tilting force at the top position becomes larger, where the tilting force characteristics is improved compared with the case of the technology disclosed in Patent document 3 in which the bucket is replaced with the fork by using the bell crank inclined toward the vehicle body side, and therefore the tilting force characteristics appropriate for use of the fork can be obtained.

Please amend the paragraph at page 11, lines 16-20, as follows:

According to the first embodiment of the working machine ~~of claim 3~~, in addition to the configuration of ~~claim 2~~ the second embodiment of the working machine, since the tilt cylinder is disposed so that the bell crank and the structural body are connected, setting for reducing the displacement of the attachment angle of the fork or the like is allowed, thereby improving the angle characteristics, so that the angle characteristics more appropriate for use of the fork or the like can be obtained.

Please amend the paragraph at page 11, lines 22-27, as follows:

According to the fourth embodiment of the working machine ~~of claim 4~~, each type of attachment has a different pivot position on the connecting link relative to the pivot position on the boom, and when the attachment is attached to the connecting link, for instance, at a position where the bell crank is rotated toward the tilting side, the pivot position is offset to the side apart from the attachment, so that the tilting force at the top position is considerably increased.

Please amend the paragraph at page 11, line 28 to page 12, line 6 as follows:

Further, ~~as described in claim 2~~ in the second embodiment of the invention, by setting the angle formed by the first line segment and the second line segment of the bell crank in the range from 0 ~~degree~~ degrees to 180 degrees on the attachment side, the tilting force can be improved. Hence, for instance, when the fork or the like is attached at the offset position in replacement of the bucket or the like, not only greater tilting force characteristics can be obtained on the top position side compared with that in the technology of Patent document 3, but also the tilting force characteristics equivalent to the conventional parallel link can be obtained during the use of the Z-bar link, so that the lifting/unloading work or the like can be properly performed.

Please amend the paragraph at page 12, lines 13-19, as follows:

Since the angle formed by the first line segment and the second line segment of the bell crank is set in the range from 0 ~~degree~~ degrees to 180 degrees, for instance, attaching the fork or the like at the offset position at the ground position can be regarded as equivalent to attaching the bucket or the like in the tilted posture as ~~described in claim 1~~ in the first embodiment of

the working machine, and even when compared with the case where the bucket or the like is attached without being offset (tilted) at the ground position, the difference in the angle characteristics from the ground position to the top position of each case is small.

Please amend the paragraph at page 13, lines 2-6, as follows:

According to the fifth embodiment of the working machine ~~of claim 5~~, in addition to the configuration of ~~claim 4~~ the fourth embodiment of the invention, the tilt cylinder is disposed so that the bell crank and the structural body are connected, setting for reducing the displacement of the attachment angle of the fork or the like from the ground position to the top position is possible, thereby improving the angle characteristics.

Please amend the paragraph at page 13, lines 8-11, as follows:

~~According to the working machine of claim 6, the~~ The angle characteristics of the attachment can be ~~more~~ improved by adding to the first, third and fifth embodiments of the working machine, ~~described in claims 1, 3, or 5~~ a configuration in which the pivot position of the tilt cylinder on the structural body is set lower than the pivot position of the boom on the structural body.

Please amend the paragraph at page 13, lines 13-22, as follows:

~~According to the working machine of claim 7~~ In other embodiments of the working machine, when the bucket or the like is tilted for use at the ground position, the angle formed by the first line segment and the second line segment of the bell crank is to be set to a value so that, for instance, the displacement amount toward the dumping side (the displacement amount toward the plus side) of the bucket or the like at the intermediate position and the displacement toward the structural body side (the displacement amount toward the minus side) of the bucket or the like at the top position are equal (i.e. the absolute values of the attachment angles relative to the horizontal posture are equal), and thereby there is no risk that the bucket or the like is considerably displaced toward the dumping side or the structural body side, where the scooping work of mud or the like can be appropriately performed.

Please amend the paragraph at page 14, lines 2-5, as follows:

~~According to the working machine of claim 8, by adding a configuration~~ In the embodiments of the working machine in which the angle between the first line segment and the second line segment of the bell crank is set in the range from 0 ~~degree~~

degrees to 170 degrees on the attachment side, the angle characteristics and the tilting force characteristics can be assured with some surplus.

Please amend the paragraph at page 14, lines 6-12, as follows:

~~According to the working machine of claim 9, by adding a configuration~~ In embodiments of the working machine in which the angle between the first line segment and the second line segment of the bell crank is set to in the range from 170 degrees to 180 degrees on the attachment side, even when, relative to the pivot position of the fork or the like on the connecting link, the pivot position of the bucket or the like on the connecting link is set to an offset angle of 37 degrees or more in relation to the pivot position on the boom (the reference point), both of the fork or the like and the bucket or the like can be attached to the working machine.

Please amend page 33, line 7, as follows:

[~~Forth~~ Fourth Embodiment]

Please amend the paragraph at page 33, lines 8-11, as follows:

Figs. 23 and 24 show an operation device of a wheel loader 4 according to a ~~forth~~ fourth embodiment of the present invention. Fig. 23 illustrates a state where the bucket 20 is equipped as an attachment, while Fig. 24 illustrates a state where the fork 30 is equipped as an attachment.

Please amend the paragraph at page 34, lines 21-25, as follows:

As seen from Fig. 29, in the wheel loader 5 according to the embodiment, it is understood that the postures of the bucket 20 and the fork 30 do not significantly change depending on the lifting height, and compared with the case of the wheel loader 4 of the ~~forth~~ fourth embodiment, the posture at the position C using the fork 3 is further improved from 10 degrees of the wheel loader 4 to 9 degrees with the wheel loader 5.

Please amend the paragraph at page 34, line 27 to page 35, line 2, as follows:

Furthermore, as shown in Fig. 30, the tilting force characteristics of the wheel loader 5 is substantially same as that of the wheel loader 4 of the ~~forth~~ fourth embodiment, ensuring that the lifting/unloading work of cargos can be

appropriately performed by the fork 30 and working efficiency in the digging work by the bucket 20 at a low position is not reduced.

Please amend the paragraph at page 35, lines 25-29, as follows:

The log/lumber grapple 40 is suitable for grabbing and carrying wood 44 such as raw wood. Naturally, the bucket or the like used in ~~claim 1~~ of the present invention is not limited to the bucket 20 described in the first embodiment, and the fork or the like used in ~~claims 2 and 3~~ the present invention is not limited to the fork 30 described in the second embodiment, but the skeleton bucket, log/lumber grapple 40 or the like may be used.

Please amend the paragraph at page 36, lines 2-5, as follows:

In each of the embodiments, the tilt cylinder 12 is pivoted on the vehicle body 16, but, as shown in Fig. 33 (third variant) and Fig. 34 (~~forth~~ fourth variant), the cases where the tilt cylinder 12 is pivoted on the base end side of the boom 10 may be included in some embodiments of the invention ~~of claims 2 or 4~~.